Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143421.D
Acq On : 15 Aug 2025 16:58
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Aug 15 18:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	130868	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	501440	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	269402	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	399933	20.000	ng	0.00
76) Chrysene-d12	14.086	240	212755	20.000	ng	0.00
86) Perylene-d12	15.574	264	292857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	720631	95.722	ng	0.00
7) Phenol-d6	6.563	99	905039	95.393	ng	0.00
23) Nitrobenzene-d5	7.487	82	826629	97.821	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	230532	96.140	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1446406	90.305	ng	0.00
79) Terphenyl-d14	13.027	244	1124159	88.761	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	175435	48.412	ng	99
3) Pyridine	3.510	79	478644	50.361	ng	99
4) n-Nitrosodimethylamine	3.452	42	220531	49.920	ng	100
6) Aniline	6.593	93	622834	48.357	ng	97
8) 2-Chlorophenol	6.716	128	395716	47.611	ng	99
9) Benzaldehyde	6.481	77	208469	41.304	ng	99
10) Phenol	6.575	94	530907	47.954	ng	100
11) bis(2-Chloroethyl)ether	6.663	93	394817	48.110	ng	98
12) 1,3-Dichlorobenzene	6.869	146	436132	46.843	ng	99
13) 1,4-Dichlorobenzene	6.946	146	443461	47.709	ng	99
14) 1,2-Dichlorobenzene	7.098	146	420628	47.378	ng	100
15) Benzyl Alcohol	7.069	79	346568	49.533	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	658959	46.969	ng	97
17) 2-Methylphenol	7.181	107	323714	47.736	ng	99
18) Hexachloroethane	7.440	117	150926	47.703	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	271764	46.269	ng	98
20) 3+4-Methylphenols	7.334	107	381880	47.097	ng	97
22) Acetophenone	7.334	105	494892	45.903	ng	98
24) Nitrobenzene	7.510	77	432934	49.019	ng	97
25) Isophorone	7.751	82	771184	47.682	ng	99
26) 2-Nitrophenol	7.828	139	212674	51.944	ng	97
27) 2,4-Dimethylphenol	7.863	122	328110	47.397	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	468573	47.135	ng	99
29) 2,4-Dichlorophenol	8.069	162	339906	48.167	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	343045	47.443	ng	100
31) Naphthalene	8.234	128	1117518	46.943	ng	100
32) Benzoic acid	7.981	122	182945	51.056	ng	98
33) 4-Chloroaniline	8.275	127	414537	48.241	ng	100
34) Hexachlorobutadiene	8.351	225	218677	47.427	ng	98
35) Caprolactam	8.651	113	100206	49.321	ng	97
36) 4-Chloro-3-methylphenol	8.757	107	352945	48.562	ng	99
37) 2-Methylnaphthalene	8.922	142	742483	46.270	ng	99
38) 1-Methylnaphthalene	9.022	142	716623	46.612	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	358160	47.670	ng	99
41) Hexachlorocyclopentadiene	9.081	237	129004	49.794	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	229793	49.030	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	249336	49.630	ng	99
46) 1,1'-Biphenyl	9.387	154	886393	46.828	ng	100
47) 2-Chloronaphthalene	9.410	162	706570	47.289	ng	99
48) 2-Nitroaniline	9.504	65	223540	50.274	ng	97
49) Acenaphthylene	9.822	152	1023016	47.421	ng	100
50) Dimethylphthalate	9.675	163	793803	47.261	ng	100
51) 2,6-Dinitrotoluene	9.739	165	168362	50.849	ng	99
52) Acenaphthene	9.998	154	686068	47.284	ng	100
53) 3-Nitroaniline	9.910	138	184361	49.986	ng	100
54) 2,4-Dinitrophenol	10.022	184	68752	47.214	ng	98
55) Dibenzofuran	10.169	168	974240	46.545	ng	99
56) 4-Nitrophenol	10.075	139	119993	51.748	ng	98
57) 2,4-Dinitrotoluene	10.145	165	221081	50.082	ng	99
58) Fluorene	10.510	166	727083	45.217	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	190929	50.205	ng	98
60) Diethylphthalate	10.381	149	710763	45.793	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	371115	46.681	ng	98
62) 4-Nitroaniline	10.528	138	166617	48.306	ng	99
63) Azobenzene	10.663	77	736604	46.957	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	107140	51.921	ng	97
66) n-Nitrosodiphenylamine	10.616	169	623583	47.953	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	231927	49.109	ng	99
68) Hexachlorobenzene	11.063	284	241672	48.135	ng	99
69) Atrazine	11.139	200	184670	48.552	ng	99
70) Pentachlorophenol	11.257	266	116662	52.337	ng	99
71) Phenanthrene	11.475	178	1007589	46.525	ng	100
72) Anthracene	11.528	178	1024065	46.817	ng	99
73) Carbazole	11.675	167	848940	45.888	ng	99
74) Di-n-butylphthalate	12.004	149	850780	46.180	ng	100
75) Fluoranthene	12.663	202	844131	43.866	ng	99
77) Benzidine	12.775	184	261682	43.448	ng	99
78) Pyrene	12.892	202	849028	45.913	ng	99
80) Butylbenzylphthalate	13.498	149	239484	52.286	ng	99
81) Benzo(a)anthracene	14.074	228	644570	47.587	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	205554	51.831	ng	100
83) Chrysene	14.110	228	614856	49.101	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	364131	55.980	ng	99
85) Di-n-octyl phthalate	14.669	149	733517	55.599	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	1072706	48.845	ng	100
88) Benzo(b)fluoranthene	15.139	252	753963	48.035	ng	99
89) Benzo(k)fluoranthene	15.168	252	748201	48.329	ng	100
90) Benzo(a)pyrene	15.516	252	738784	49.418	ng	99
91) Dibenzo(a,h)anthracene	17.110	278	855766	48.523	ng	100
92) Benzo(g,h,i)perylene	17.557	276	863384	49.005	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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